## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/29380

A. CLASSIFICATION OF SUBJECT MATTER					
PC(7) : F17D 1/05; C09K 3/00					
US CL: 44/301; 585/15, 950; 507/90; 252/189,190 According to International Patent Classification (IPC) or to both national classification and IPC					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 44/301; 585/15, 950; 507/90; 252/189,190					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where ap			Relevant to claim No.	
Х	US 5,420,370 A (SLOAN,IR.) 30 May 1995 (30.05.1995), column 3, lines 36-46; col. 4, lines 50-64; col. 5, llines 1-38, 50-60.				
x	US 5,639,925 A (SLOAN, JR.) 17 June 1997 (17.06.1997), col. 3, lines 20-37, 51-67; col. 1, 2, 10 and 31				
x	4, lines 14-20 and 23-41. US 6,331,508 B1 (PAKULSKI) 18 December 2001 (18.12.2001), col. 2, lines 1-28; col. 3, 1-3, 10 and 31			1-3, 10 and 31	
	lines 5-15; col. 4, lines 32-64.				
Further	documents are listed in the continuation of Box C.		See patent family annex.		
Special categories of cited documents:     "T" later document published after the international filing da				emational filing date or priority	
"A" document defining the general state of the art which is not considered to be			date and not in conflict with the appli- principle or theory underlying the inv		
of particular relevance		"X"	document of particular relevance; the	claimed invention cannot be	
"E" earlier application or patent published on or after the international filing date			considered novel or cannot be considered when the document is taken alone	ered to involve an inventive step	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		-Y-	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
"O" documen	t referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the		
"P" document published prior to the international filing date but later than the priority date claimed		<b>"&amp;"</b>	"&" document member of the same patent family		
Date of the actual completion of the international search		Date of n	Date of mailing of the international search report		
05 March 2005 (05.03.2005)			APR 2005		
Name and mailing address of the ISA/US			ed officer		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Cephia D. Toomer			
P.O. Box 1450			ne No. 571-272-1700		
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230			5 1.0. SIL BIB 1100		